



The test bench can perform functional maintenance test on power drive units (PDUs) of mainstream cargo hold system of domestic cargo aircraft, including all kinds of passenger cargo conversion aircraft and full cargo aircraft, such as B737, B777, B747, A320, A330, etc.

The test bench main test content:

- PDU lifting force measurement and horizontal tangential force measurement (including no-load and load);
- Manual torque test (including no load and load);
- Voltage measurement, current measurement (including no-load and load);
- Sensor function test;
- Sensor sensing distance test;
- Speed measurement (including direction A and direction B, no-load and load);
- SRPDU chassis rotation torque test;
- SRPDU chassis rotation angle test;
- Lifting and falling time test of PDU drum;
- Lifting height detection of PDU drum;

● The bus test.

Part number list:

NO.	Product name	Product part number	Reference manual
1	PDU	92001-15-10 92001-15-11	CMM-25-50-81 R8
2	SRPDU	92003-10 92003-11	CMM-25-51-15 R2
3	PDU	11790-301	CMM-25-57-25
4	PDU	92001-10-11 92001-10-10	CMM-25-51-05
5	PDU	2955T100 series	CMM-25-51-19
6	PDU	181RA71R206 series	CMM-25-55-17
7	PDU	192AD1R218 series	CMM-25-55-04
8	PDU	123100 series	CMM-25-58-29
9	PDU	129100-Series (bus)	CMM-25-58-47
10	PDU	129100-1013 (bus)	CMM-25-59-19
11	PDU	43100 (bus)	CMM-25-55-10
12	PDU	43212 (bus)	CMM-50-21-90
13	PDU	43213 (bus)	CMM-50-21-91
14	PDU	2944T100 series	CMM-25-51-18